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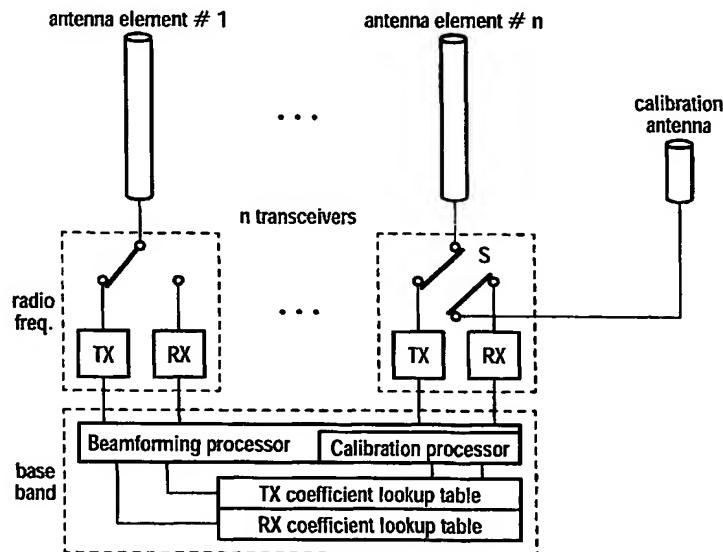
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(54) Title: ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD



(57) Abstract: According to one aspect of the invention, an arrangement for controlling transmission and/or reception of signals in a radio communications system is disclosed, comprising transceiving means (TX,RX) each connected to one element of an array of antenna elements (#1 ... #n), wherein at least one of said transceiving means (TX,RX) is additionally connected to a calibration antenna for transmitting and/or receiving test signals to and/or from said antenna elements (#1 ... #n), at least one calibration processor for determining variations of said test signals in said transceiving means (TX,RX), and a beamforming processor for taking into account the determined variations for beamforming and/or determination of direction of arrival of respectively transmitted and received radio signals by said antenna elements (#1 ... #n).

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